

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K5/02 G06F13/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H05K G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 353 870 B1 (MILLS KEVIN J ET AL) 5 March 2002 (2002-03-05) column 1, line 1 - column 4, line 22; figures 8,12a column 5, line 1 - column 6, line 7 column 7, lines 5-22 column 9, lines 7-16	1-14
Y	EP 1 001 348 A (NOKIA CORPORATION) 17 May 2000 (2000-05-17) paragraphs '0001! - '0030!; figures 4,5 ----- -/--	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

22/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MAHLKNECHT S ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Virtual wired control networks: a wireless approach with bluetooth"</p> <p>2002 IEEE AFRICON 6TH. AFRICON CONFERENCE IN AFRICA. UNIVERSITY OF PRETORIA, GEORGE, SOUTH AFRICA, OCT. 2 - 4, 2002, IEEE AFRICON CONFERENCE IN AFRICA, NEW YORK, NY : IEEE, US,</p> <p>vol. VOL. 1 OF 2. CONF. 6,</p> <p>2 October 2002 (2002-10-02), pages 269-272, XP010621686</p> <p>ISBN: 0-7803-7570-X</p> <p>page 269, left-hand column, lines 27-39</p>	3-5,8,14
A	<p>US 2002/093575 A1 (KUSAKA YOSUKE)</p> <p>18 July 2002 (2002-07-18)</p> <p>paragraphs '0009! - '0020!; figure 1</p>	2
A	<p>US 2003/086433 A1 (TORDERA VIRGIL FLORES ET AL) 8 May 2003 (2003-05-08)</p> <p>paragraphs '0006! - '0034!; figures 1,2</p>	
A	<p>US 2003/111541 A1 (WASHINO KIYOSHI ET AL)</p> <p>19 June 2003 (2003-06-19)</p> <p>paragraphs '0001! - '0016!</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter-Application No

PCT/IB2004/051777

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6353870	B1	05-03-2002	AU 5001000 A	21-11-2000
			GB 2365182 A , B	13-02-2002
			JP 2003502727 T	21-01-2003
			TW 526423 B	01-04-2003
			WO 0068770 A1	16-11-2000
			US 2002169912 A1	14-11-2002
			US 2004039860 A1	26-02-2004
			US 6599147 B1	29-07-2003
			US 2004048503 A1	11-03-2004
			US 2004257756 A1	23-12-2004
			US 2004268001 A1	30-12-2004
EP 1001348	A	17-05-2000	FI 982353 A	30-04-2000
			EP 1001348 A2	17-05-2000
			JP 2000155727 A	06-06-2000
US 2002093575	A1	18-07-2002	JP 2002171434 A	14-06-2002
US 2003086433	A1	08-05-2003	NONE	
US 2003111541	A1	19-06-2003	JP 2001209771 A	03-08-2001
			CN 1308391 A	15-08-2001
			EP 1126397 A2	22-08-2001
			TW 595056 B	21-06-2004
			US 2001009507 A1	26-07-2001